Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Bill Type. ***I[st] and Final Bill***

Date...../...../2020

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Byatarayanapura**

Bill Received No. Dated Divisional / Sub Divisional Cash Book Voucher No..... Dated.....

Work Code:- **006-18-000035, 006-18-000043, 006-18-000045**

Schedule Docket No. Head of Account : **P3111** Est.Cost: **98.00 Lakhs** D.R.No. :

Name of Work (As per sanctioned Estimate) : **Package 4 Includes 3 Works Rs. 100.00 Lakhs.**

Name of Contractor and Full Address : **Sri M. Prakash, No 136, kashinagara main road, Amruthahalli, Bangalore =92**

Reference to Agreement No. **BBMP/EE/BTP/WO/216/2018-19** Date:

Certified that the measurements were taken by me on 24/01/2020 and abstract recorded of Pages. 42547-55 of measurement Book No. 42551/17-18 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 24.1.2020 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	
2) Deduct amount to be held in reserve being .....percent Rs.....	
3) " Balance	
4) Deduct Payment:	
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	
b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	
5) Balance being unpaid value of work done held in reserve.	
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7) Net amount due to or from Contractor unadjustments items.	
8) Advance to Contractor for materials brought to site (as detailed) within.	
9) Value of Government materials supplied.	
Total amount adjusted -	

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Stamp

Signature of Contractor

Dated
Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Executive Engineer

Initials of Officer making payment

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BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

Name of work:	Package 4 Includes 3 Works Rs. 100.00 Lakhs.
Estimated Cost :	Rs. 100.00 Lakhs
Job Code:	006-18-000035, 006-18-000043, 006-18-000045
Head of Account :	P-3316 Special Development Works
Name of Agency:	Sri M. Prakash, No 136, kashinagara main road, Amruthahalli, Bangalore =92
Work order No:	BBMP/EE/BTP/WO/216/2018-19 Dated: 25.01.2019.

Sl. No.	Discriprtion of Items	Unit	Previous measurement		Present measurement			Total Upto Date	
			Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal	cum	-	-	884.91	198 14	175336 00	884.91	175336.00
2	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)	sqm	-	-	612.00	85.39	52259 00	612 00	52259.00
3	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc, Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)	sqm	-	-	108 00	705.62	76207 00	108.00	76207 00
4	KSRB 4-1.2. Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S R 2016-17)								
	Qty upto 125 %	cum	-	-	26.98	5669 69	152940 00	26.98	152940.00
	Qty above 125%	cum	-	-	26.99	5664.94	152891 00	26.99	152891.00
5	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD SR 2016-17)	sqm							
6	KSRB 4-6.4. Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.15, I.No.4.31 of PW,P&IWTD SR 2016-17)								
	Qty upto 125 %	sqm	-	-	49 50	329.21	16296.00	49 50	16296.00
	Qty above 125%	sqm	-	-	670.50	321.53	215586 00	670.50	215586.00
7	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2016-17)								
	Qty upto 125 %	cum	-	-	14.95	6605 64	98754.00	14.95	98754.00
	Qty above 125%	cum	-	-	84.05	6500.09	546333.00	84.05	6333.00

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8	KSRB - 4 9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchonng to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No KBS 4.6.3 (P.No.17, I.No 4 46.2 of PW, P&IWTD SR 2016-17)								
	Qty upto 125 %	Tonne	-	-	1.20	78112.67	93735.00	1.20	93735.00
	Qty above 125%	Tonne	-	-	4.60	78005.84	359087.00	4.60	359087.00
9	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	sqm	-	-	66.60	5636.02	375359.00	66.60	375359.00
10	KSRRB M300-14 Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)	cum	-	-	1378.83	157.69	217428.00	1378.83	217428.00
11	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)	cum	-	-	1466.89	1874.16	2749187.00	1466.89	2749187.00
12	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No 161, I.No.21.6 of PW,P&IWTD SR 2016-17)	sqm	-	-	5990.60	31.46	188464.00	5990.60	188464.00
13	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I No.21.2 of PW,P&IWTD SR 2016-17)	sqm	-	-	-	-	-	-	-
14	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)	sqm	-	-	6170.60	13.48	83180.00	6170.60	83180.00
15	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)	cum	-	-	246.82	8494.42	2096593.00	246.82	2096593.00
16	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)	sqm	-	-	209.00	575.28	120234.00	209.00	120234.00

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17	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m apart in each course including cost of materaials, labour, curing complete as per specifications Specifcation No KBS 5.1.13 (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)	cum	-	-	47.95	4704.51	225581.00	47.95	225581.00
18	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications (P.No 113, I.No.15.1 of PW, P&IWTD S.R 2016-17)	sqm	-	-	60.12	108.99	6552.00	60.12	6552.00
19	KSRB 4-1.6 Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all matenals, labour, HOM of machinery, curing complete as per specifications. Specification No KBS 4.1, 4.2. (P No.12, I No 4.6 of PW,P&IWTD S R 2016-17)	cum	-	-	7.32	6113.51	44751.00	7.32	44751.00
	EIRL								
1	Providing precast slab of 100mm thick including cost of all matenals, labour, curing, transportation, loading, unloading etc ,complete as per the direction of engineer in charge - (Data rate Approved)	sqm	-	-	331.20	2476.99	820379.00	331.20	820379.00
2	KSRB 4-1.4 Providing and laying in position **plain cement concrete of mix 1:5:10** with OPC cement @ 160kgs, with 40mm and down size graded granite metal coarse aggregates @0.86cum and fine aggregtes @ 0.58cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation**, including cost of all matenals, labour, HOM of machinery, curing complete as per specifications Specification No. KBS 4.1, 4.2 (P.No 13, I.No. 4.4 of PWD SR 2018-19)	cum			50.40	5634.32	283970.00	50.40	283970.00
3	Cement concrete pavement Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropnate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications and as per the directions of the Engineer-in-charge of the work .	cum			50.40	5523.10	278364.00	50.40	278364.00
4	**Vaccum de-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift	sqm			336.00	90.07	30264.00	336.00	30264.00
	Total Rs						**9459730.00**		**9459730.00**
	Amount in RS	**Rupees Ninety Four Lakh Fifty Nine Thousand Seven Hundred Thirty Only**							

CERTIFICATE

1. Certified that the above work done satisfactory.
2. **Certified that the contractor removed the debries from work site.**
3. There is no any materials supplied to contractor from departmentally.

TEJUS CONSULTANTS Consultant

ಸಹಾಯಕ ಅಭಿಯಂತರರು Assitant Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು Assitant Executive Engineer
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

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